

Appendix 1. Acronyms Used in this Progress Review

A2ALL	Adult-to-Adult Living Donor Liver Transplantation Cohort Study
AACTG	Adult AIDS Clinical Trials Group
AASLD	American Association for the Study of Liver Diseases
ABC	ATP-binding cassette
ACSG	Antiviral Cooperative Study Group
AFP	alpha-fetoprotein
AIP	acute intermittent porphyria
ALFSG	Adult Acute Liver Failure Study Group
ALT	alanine aminotransferase
Apob48	apolipoprotein B-48
ARPKD	autosomal recessive polycystic kidney disease
ATP	adenosine triphosphate
BARC	Biliary Atresia Research Consortium
BSEP	bile salt export pump
CAR	constitutive androstane receptor
cccDNA	covalently closed circular DNA
CDC	Centers for Disease Control and Prevention
CF	cystic fibrosis
CFTR	cystic fibrosis transmembrane regulator
CHF	congenital hepatic fibrosis
CLiC	Cholestatic Liver Disease Consortium
CT	computed tomography
DCP	des-gamma-carboxy prothrombin
DDICC	Digestive Diseases Interagency Coordinating Committee
DILIN	Drug-Induced Liver Injury Network
DMT1	divalent metal ion transporter 1
EDRN	Early Disease Recognition Network
EGF	epidermal growth factor
EPP	erythropoietic protoporphyria
FDA	Food and Drug Administration
FDG-PET	fluorodeoxyglucose-positron emission tomography
FGF	fibroblast growth factor
Fox	Forkhead Box
FXR	farnesoid X receptor
H ₂ S	hydrogen sulfide
HAART	highly active antiretroviral therapy
HALT-C	Hepatitis C Antiviral Long-Term Treatment Against Cirrhosis trial
HAV	hepatitis A virus
HBV	hepatitis B virus
HCC	hepatocellular carcinoma
HCIG	hepatitis C immune globulin
HCV	hepatitis C virus
HDL	high-density lipoprotein
HDV	hepatitis D virus

HEIRS	Hemochromatosis and Iron Overload Screening study
HGF	hepatocyte growth factor
HIV	human immunodeficiency virus
HLA	human leukocyte antigen
HLPP	Human Liver Proteome Project
HNF	hepatocyte nuclear factor
HPS	hepatopulmonary syndrome
HRSA	Health Resources and Services Administration
Hrs	hepatocyte growth factor-regulated tyrosine kinase substrate
HURSO	High Dose Ursodiol for Primary Sclerosing Cholangitis study
HVPG	hepatic venous pressure gradient
ICMIC	<i>In vivo</i> Cellular and Molecular Imaging Center
IFN	interferon
IGF-I	insulin-like growth factor-I
IKK β	I κ B kinase
IL	interleukin
IPS-1	interferon-beta stimulator 1
IRG	initial review group
IRS	insulin receptor substrate
LABS	Longitudinal Assessment of Bariatric Surgery
LADR	Low Dose Accelerating Regimen study (of A2ALL)
LXR	liver X receptor
MDR	multi-drug resistance
MELD	Model for End-stage Liver Disease
MRI	magnetic resonance imaging
MSH	melanocyte-stimulating hormone
NAC	N-acetylcysteine
NAFLD	nonalcoholic fatty liver disease
NASH	nonalcoholic steatohepatitis
NASH CRN	Nonalcoholic Steatohepatitis Clinical Research Network
NCCAM	National Center for Complementary and Alternative Medicine
NCI	National Cancer Institute
NCMHD	National Center on Minority Health and Health Disparities
NCRR	National Center for Research Resources
NF- κ B	necrosis factor- κ B
NHANES	National Health and Nutrition Examination Survey
NHGRI	National Human Genome Research Institute
NHLBI	National Heart, Lung, and Blood Institute
NIAAA	National Institute on Alcohol Abuse and Alcoholism
NIAID	National Institute of Allergy and Infectious Diseases
NIBIB	National Institute of Biomedical Imaging and Bioengineering
NICHHD	National Institute of Child Health and Human Development
NIDA	National Institute on Drug Abuse
NIDDK	National Institute of Diabetes and Digestive and Kidney Diseases
NIEHS	National Institute of Environmental Health Sciences
NIGMS	National Institute of General Medical Sciences

NIH	National Institutes of Health
NK	natural killer cell
NKT	natural killer T cell
NMR	nuclear magnetic resonance
Npc111	Niemann-Pick C1 Like 1
NPY	neuropeptide Y
NTCP	Na ⁺ /taurocholate co-transporting polypeptide
OATP	organic anion transporter
OCT	organic cation transporter
ODS	Office of Dietary Supplements
OLTs HBV	Orthotopic Liver Transplantation for Hepatitis B Study
ORD	Office of Rare Diseases
PA	program announcement
PACTG	Pediatric AIDS Clinical Trials Group
PALFSG	Pediatric Acute Liver Failure Study Group
PBC	primary biliary cirrhosis
PDGF-C	platelet-derived growth factor-C
PELD	Model for Pediatric End-stage Liver Disease
PET	positron-emission tomography
PFIC	progressive familial intrahepatic cholestasis
Peds-C	Peginterferon and Ribavirin for Pediatric Patients with Chronic Hepatitis C
PGRN	Pharmacogenetics Research Network
PIVENS	Pioglitazone versus Vitamin E versus Placebo for the Treatment of Nondiabetic Patients with Nonalcoholic Steatohepatitis study
PPAR	peroxisome proliferator-activated receptor
PSC	primary sclerosing cholangitis
PSR	phosphatidylserine receptor
PTLD	post-transplant lymphoproliferative disease
PXR	pregnane X receptor
RFA	request for applications
SAMe	S-adenosyl methionine
siRNA	small interfering RNA
SPLIT	Study of Pediatric Liver Transplantation
SR-BI	scavenger receptor class B type I
TONIC	Treatment of Nonalcoholic Fatty Liver Disease in Children trial
TGF	transforming growth factor
TNF- α	tumor necrosis factor- α
TNFR1	tumor necrosis factor receptor 1
UDCA	ursodeoxycholic acid
UNOS	United Network for Organ Sharing
VEGF	vascular endothelial growth factor
Virahep-C	Study of Viral Resistance to Antiviral Therapy of Chronic Hepatitis C
VLDL	very low density lipoprotein